

## Special Issue

# Smart Textile Materials and Fabric-Based Wearable Devices

### Message from the Guest Editor

This is a Special Issue of the journal *Materials* dedicated to Smart Textile Materials and Fabric-Based Wearable Devices which welcomes innovative works which explore new challenges in the future applications of healthcare, consumer products, and human-machine interfaces. Textiles are soft, flexible, lightweight, breathable and conformable platforms. Recently, they have offered an excellent platform for incorporating sensors into human-based sensing applications, including temperature sensors, humidity sensors, and physical sensors. Furthermore, the development of flexible, textile-based energy harvesters and storage devices including fiber-based supercapacitors and batteries has progressed significantly in the past decade. I invite your recent research articles, review articles, and brief communications on all topics related to smart textile materials and fabric-based wearable devices. **Keywords**

- textile/fiber based electronics
- conductive fibers
- textile sensors and actuators
- energy harvesting and power storage
- smart textile and printed electronics
- wearable technology

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### Guest Editor

Assoc. Prof. Jihyun Bae  
Hanyang University, Seoul, South Korea

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### Deadline for manuscript submissions

closed (20 August 2022)



## Materials

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*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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## About the Journal

### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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